

B/O Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Information Disclosure Statement by Applicant	Atty. Docket Number REF/Klaveness/054C	Serial Number 09/765,614 Cont. of 08/960,054
	Applicant KLAVENESS et al.	
	Filing Date January 22, 2001	Group 1616

U.S. Patent Documents

Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
<i>AS</i>	5,849,727	12/15/98	Porter et al.	<i>/</i>	<i>/</i>	
<i>AS</i>	5,846,517	12/8/98	Unger	<i>/</i>	<i>/</i>	
<i>AS</i>	5,505,932	4/9/96	Grinstaff et al.	<i>/</i>	<i>/</i>	
<i>AS</i>	5,356,633	10/18/94	Woodle et al.	<i>/</i>	<i>/</i>	
<i>AS</i>	5,198,424	3/30/93	McEver	<i>/</i>	<i>/</i>	
<i>AS</i>	5,154,924	10/13/92	Friden	<i>/</i>	<i>/</i>	
<i>AS</i>	5,013,556	5/7/91	Woodle et al.	<i>/</i>	<i>/</i>	
<i>AS</i>	4,927,916	5/22/90	Matsueda et al.	<i>/</i>	<i>/</i>	
<i>AS</i>	08/640,464	5/1/96	Unger	<i>/</i>	<i>/</i>	

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Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>AS</i>	WO 94/07539	4/14/94	WIPO	<i>/</i>	<i>/</i>		
<i>AS</i>	WO 91/15244	10/17/1991	PCT	<i>/</i>	<i>/</i>		

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>AS</i>	Worthington Enzyme Manual, enzymes, enzyme reagents, related biochemicals; Worthington Biochemical Corporation, 1972.
<i>AS</i>	Thomas Fritsch, et al., "Microparticle Preparations Made From Biodegradable Copolymers", April 1999.

Examiner <i>Hartley</i>	Date Considered <i>7/2/2002</i>
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<i>[initials]</i>	5 612 057	3/18/1997	Lanza et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 632 986	5/27/1997	Tait et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 733 572	3/31/1998	Unger et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 716 594	2/19/98	Elmaleh et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 643,553	7/1/1997	Schneider et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 650 156	7/22/1997	Grinstaff et al.	<i>[initials]</i>	<i>[initials]</i>	
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<i>[initials]</i>	5 690 907	11/25/1997	Lanza et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 780 010	7/14/1998	Lanza et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 665 383	9/9/1997	Grinstaff et al.	<i>[initials]</i>	<i>[initials]</i>	
<i>[initials]</i>	5 534 241	7/9/1996	Torchilin et al.	<i>[initials]</i>	<i>[initials]</i>	

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Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>[initials]</i>	WO 95/15118	6/8/1995	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	0 727 225	8/21/1996	EP	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 96/41647	12/27/1996	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 94/28873	12/22/1994	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 94/28874	12/22/1994	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 96/40285	12/19/1996	PCT	<i>[initials]</i>	<i>[initials]</i>		
<i>[initials]</i>	WO 96/39149	12/12/1996	PCT	<i>[initials]</i>	<i>[initials]</i>		

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>[initials]</i>	Medline database extract no. XP-002063692
<i>[initials]</i>	Biosis database extract no. XP-002063693
<i>[initials]</i>	Medline database extract no. KP-00206411

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Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>JS</i>	WO 97/23855	7/3/1997	PCT				
<i>JS</i>	WO 98/00172	1/8/1998	PCT				
<i>JS</i>	WO 97/41898	11/13/1997	PCT				
<i>JS</i>	WO 98/04293	2/5/1998	PCT				
<i>JS</i>	WO 98/19705	5/14/1998	PCT				
<i>JS</i>	WO 98/20856	5/22/98	PCT				
<i>JS</i>	WO 98/42384	10/1/1998	PCT				
<i>No pub date</i>	1-9-626-530		DE (English Abstract)				
<i>JS</i>	WO 97/33474	9/18/1997	PCT				
<i>JS</i>	WO 95/07072	3/16/1995	PCT				
<i>JS</i>	2 145 505	4/14/1994	CA				
<i>JS</i>	WO 95/03356	2/2/1995	PCT				
<i>JS</i>	WO 96/40277	12/9/1996	PCT				
<i>JS</i>	WO 95/03357	2/2/1995	PCT				
<i>JS</i>	WO 93/20802	10/28/1993	PCT				
<i>JS</i>	WO91/15244	10/17/1991	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

<i>JS</i>	Muzykantov et al., J. Nuclear Medicine, 35(8): 1358-1365 (1994)
<i>JS</i>	Klibanov et al., Acta Radiologica, 38(Supp 412):113-120 (1997)


Examiner <i>Hartley</i>	Date Considered <i>7/2/2002</i>
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Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
	WO91/15244	10/17/1991	PCT				

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

	Medline database extract no. KP-002064110

Examiner

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	Applicant KLAVERNESS et al.	
	Filing Date October 29, 1997	Group 1616

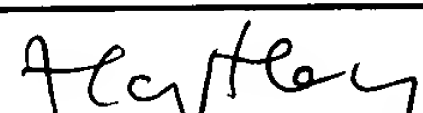
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Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
	5,910,300	6/8/99	TOURNIER et al.	424	9.34	10/31/96

Foreign Patent Documents

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Examiner 	Date Considered 7/2/2003
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U.S. Department of Commerce
Patent and Trademark Office

Information Disclosure Statement by Applicant

Atty. Docket Number

REF/Klaveness/054C

Serial Number

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Applicant

KLAVENESS et al.

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P & TRADEMARK OFFICE 8601

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Examiner Initial	Document Number	Date	Patentee/Applicant	Class	Subclass	Filing Date if Appropriate
<i>[initials]</i>	6,245,318	6/12/01	Klibanov et al.	424	9.52	5/27/97

Foreign Patent Documents

Examiner Initial	Document Number	Publication Date	Country/Agency	Class	Subclass	Translation	
						Yes	No
<i>[initials]</i>	WO 95/16467	6/22/95	WIPO				
<i>[initials]</i>	WO 94/09829	5/11/94	WIPO				

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<i>[initials]</i>	WO 97/41898	11/13/1997	PCT				
<i>[initials]</i>	WO 98/04293	2/5/1998	PCT				
<i>[initials]</i>	WO 98/19705	5/14/1998	PCT				
<i>[initials]</i>	WO 98/20856	5/22/98	PCT				
<i>[initials]</i>	WO 98/42384	10/1/1998	PCT				
<i>[initials]</i>	1 9 626 530		DE (English Abstract)				
<i>[initials]</i>	WO 97/33474	9/18/1997	PCT				
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<i>[initials]</i>	Klibanov et al., Acta Radiologica, 38(Supp 412):113-120 (1997)

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HA	5 612 057	3/18/1997	Lanza et al.			
HA	5 632 986	5/27/1997	Tait et al.			
HA	5 733 572	3/31/1998	Unger et al.			
HA	5 716 594	2/19/98	Elmaleh et al.			
HA	5 643,553	7/1/1997	Schneider et al.			
HA	5 650 156	7/22/1997	Grinstaff et al.			
HA	5 656 211	8/12/1997	Unger et al.			
HA	5 690 907	11/25/1997	Lanza et al.			
HA	5 780 010	7/14/1998	Lanza et al.			
HA	5 665 383	9/9/1997	Grinstaff et al.			
HA	5 534 241	7/9/1996	Torchilin et al.			

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HA	WO 95/15118	6/8/1995	PCT				
HA	0 727 225	8/21/1996	EP				
HA	WO 96/41647	12/27/1996	PCT				
HA	WO 94/28873	12/22/1994	PCT				
HA	WO 94/28874	12/22/1994	PCT				
HA	WO 96/40285	12/19/1996	PCT				
HA	WO 96/39149	12/12/1996	PCT				

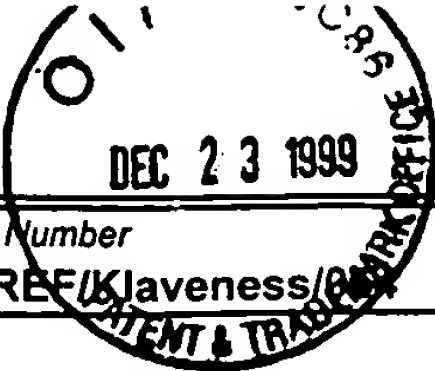
Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

IMPROPER
 CITATIONS
 NO
 PUBLICATION
 DATE

	Medline database extract no. XP-002063692
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	Medline database extract no. KP-00206411

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	REF/Klaveness/844	08/960,054
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U.S. Patent Documents

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P	5,849,727	12/15/98	Porter et al.			
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P	5,505,932	4/9/96	Grinstaff et al.			
P	5,356,633	10/18/94	Woodle et al.			
P	5,198,424	3/30/93	McEver			
P	5,154,924	10/13/92	Friden			
P	5,013,556	5/7/91	Woodle et al.			
P	4,927,916	5/22/90	Matsueda et al.			
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Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

P	Worthington Enzyme Manual, enzymes, enzyme reagents, related biochemicals; Worthington Biochemical Corporation, 1972.
P	Thomas Fritsch, et al., "Microparticle Preparations Made From Biodegradable Copolymers", April 1999.

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	Filing Date October 29, 1997	

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U.S. Patent Documents

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<i>W</i>	5,910,300	6/8/99	TOURNIER et al.	424	9.34	10/31/96

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						Yes	No

Other Documents (Including Author, Title, Date, Pertinent Pages, Place of Publication, Etc.)

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Application No.

08/960,054

Applicant(s)

Klaveness et al.

Examiner

Hartley

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C		5,656,211	8-97	Unger et al.	264	4.1
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Q							
R							
S							
T							

NON-PATENT DOCUMENTS

*		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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W			
X			

* A copy of this reference is not being furnished with this Office action.
(See Manual of Patent Examining Procedure, Section 707.05(a).)